

Docket No.: 64162-030

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
	:	
MICHAEL L. ROONEY	:	Confirmation Number:
	:	
Serial No.: Divisional of Appl. No. 10/345,992	:	Group Art Unit:
	:	
Filed: January 16, 2004	:	Examiner:
	:	
For: OXYGEN SCAVENGERS INDEPENDENT OF TRANSITION METAL CATALYSTS		

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

The references were cited by or submitted to the U.S. Patent and Trademark Office in parent application Serial No. 10/345,992, filed January 17, 2003, which is relied upon for an

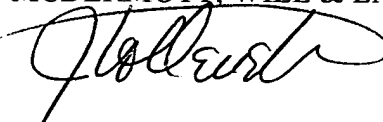
10/345,992

earlier filing date under 35 USC 120. Thus, copies of these references are not attached. 37 CFR 1.98(d).

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

A handwritten signature in black ink, appearing to read 'J. Toffenetti', written over the firm name.

Judith L. Toffenetti
Registration No. 39,048

600 13th Street, N.W.
Washington, DC 20005-3096
(202) 756-8000 JLT:prg
Facsimile: (202) 756-8087
Date: January 16, 2004

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 64162-030		SERIAL NO. Divisional of Appl. No. 10/345,992	
				APPLICANT MICHAEL L. ROONEY			
				FILING DATE January 16, 2004		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US 5,354,486	10/11/94	Evans			
		US 5,098,945	3/24/92	Pitteloud et al.			
		US 5,147,604	9/15/92	Ciuba et al.			
		US 4,282,111	8/4/81	Ciuba			
		US 5,211,875	5/18/93	Speer et al.			
		US 3,615,454	10/26/71	Cescon et al.			
		US 4,942,112	7/17/90	Monroe et al.			
		US 3,768,976	10/30/73	Hu et al.			
		US 3,941,759	3/2/76	Taylor et al.			
		US 4,356,301	10/26/82	Gleim			
		US 4,555,473	11/26/85	Dueber et al.			
		US 4,847,001	7/11/89	Cuisia et al.			
		US 5,043,166	8/27/91	Barenholz et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes - Number - Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		EP 0 301 719	2/1/89				
		EP 0 366 040	5/2/90				
		GB 870,638	6/14/61				
		EP 0 406 169 A1	1/2/96				
		JP 85 152287	7/12/85				
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		"Singlet Oxygen: An Intermediate in the Inhibition of Oxygen Permeation Through Polymer Films", by Michael L. Rooney et al., Chemistry and Industry, December 15, 1979, pp. 900-901.					
		"Oxygen Scavenging from Air in Package Headspace by Singlet Oxygen Reactions in Polymer Media", by Michael L. Rooney, Journal of Food Science, Vol. 47, No. 1, January-February 1982, pp. 291-294, 298.					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 64162-030		SERIAL NO. Divisional of Appl. No.10/345,992			
				APPLICANT MICHAEL L. ROONEY					
				FILING DATE January 16, 2004		GROUP			
U.S. PATENT DOCUMENTS									
EXAMINER'S INITIALS	CITE NO.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		Number-Kind Code ² (if known)							
		US	5,958,254	9/28/99	Rooney				
		US	4,249,412	02/1981	Townsend				
		US	5,414,742	05/1995	Hornak et al.				
		US	5,029,463	07/1991	Schvester et al.				
		US	4,507,114	03/1985	Bohman et al.				
		US	5,513,516	05/1996	Stauffer				
		US	4,953,396	09/1990	Langsdorf et al.				
		US	5,939,620	08/1999	Strand				
		US	4,097,236	06/1978	Daly et al.				
		US	5,914,164	06/1999	Ciocca et al.				
		US	5,226,316	07/1993	Mally et al.				
		US	3,852,995	12/1974	Duncanson				
FOREIGN PATENT DOCUMENTS									
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear		Translation	
		Country Code ¹ -Number -Kind Codes (if known)						Yes	No
		JP	83 209989	11/10/83					
		JP	85 120688	6/5/85					
		JP	91 088592	4/19/91					
		AU	A-28228/92	6/20/93					
		WO	96/07711	3/14/96					
		EP	0394822	10/31/1990					
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.							
		Rooney, M.L. "Measuring Packaging Film Attributes", Food Australia 41(8), August 1989, pp. 880-881.							
		Holland et al., "New methods of measuring permeabilities of packaging films", CSIRO Fd. Res. Q. 1981, 41 pp. 47-50.							
		Rooney, M.L., "Photosensitive oxygen scavenger films: an alternative to vacuum packaging", CSIRO Fd. Res. Q. 1983, 43, pp. 9-11.							
		Rooney, M.L., "New methods of maintaining product quality through package interaction", PA 1990 - Session B-2.							
EXAMINER					DATE CONSIDERED				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 64162-030		SERIAL NO. Divisional of Appl. No. 10/345,992	
				APPLICANT MICHAEL L. ROONEY			
				FILING DATE January 16, 2004		GROUP	

U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					

FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes - Number 4 - Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Holland et al., "Measuring Oxygen permeabilities of polymer films by a new singlet oxygen technique", Angew. Makromol. Chem. 88, pp. 209-221.
		Kirk-Othmer (1978), "Anthraquinone" Encyclopedia of Chemical Technology (3 rd Ed.) Volume 8, pp. 393-408.
		Rooney, M.L. (1995) "Active Food Packaging", pp. 1-33.
		Rooney, M.L. (1995) "Active Food Packaging", pp. 74-110.
		Patent Abstracts of Japan, C-138, page 153, JP,A,57-145107, September 8, 1982.
		"Oxygen Scavenging: A Novel Use of Rubber Photo-Oxidation", by Michael L. Rooney, Chemistry and Industry, March 20, 1982, pp. 197-198.
		FOOTE, Christopher S.; "Photosensitized Oxidation and Singlet Oxygen: Consequences in Biological Systems"; pps. 85-95 of <u>Free Radicals in Biology</u> , Vol. II, 1976.

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.